

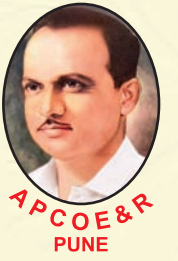


AKHIL BHARATIYA MARATHA SHIKSHAN PARISHAD'S

ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH, Parvati, Pune



Maharashtra State Board of Technical Education (MSBTE)



APCOER PUNE



JOINT SERVICES INNOVATIONS & INDIGENIZATION CENTRE PUNE (JSIIC) MINISTRY OF DEFENCE STARTUP RESEARCH OF OPERATIONAL TECHNOLOGY (SROT)



IN ASSOCIATION WITH
INDIAN CONCRETE INSTITUTE(ICI) PUNE CENTRE
TECHNICAL SUPPORT BY
J KUMAR INFRA PROJECTS LTD. PUNE

NATIONAL LEVEL 4DAYS OFFLINE CIVIL ENGINEERING HANDS ON TRAINING WORKSHOP

GROW TOGETHER

4 Days on Field !

Exhibition of all innovative business Start-up products, new Construction Equipments, Materials

10th to 13th April 2023

WHO CAN ATTENDED?

- ❖ Diploma and Degree Civil Engineering students
- ❖ 11th & 12th Civil Vocational subject Students
- ❖ Faculty members
- ❖ RMC plant Technicians

Why GROW TOGETHER Workshop?

- ❖ To fill the gap between academic and Industrial needs.
- ❖ Let's Colleges and Industry GROW TOGETHER.
- ❖ Live the CIVIL ENGINEER'S LIFE.

HOW WORKSHOP WILL BE CONDUCTED?

- ❖ Er. Yusuf Inamdar Sir with their Team will give 4 days Hands On Training to all students.
- ❖ Exhibition of all innovative business Start-up products, new Construction Equipments, Materials
- ❖ The distribution of Certificates on 13th April 2023.
- For certificate 100% Attendance of 4 days will be required.

DATE	ACTIVITY	TIME	DATE	ACTIVITY	TIME
10/04/2023	• INAUGURAL CEREMONY	10 AM -12.00 PM	12/04/2023	• Plumbing	09.00AM-06.00PM
	• INTRODUCTION OF RAW MATERIAL	12.00 PM -01.00 PM		• Brickwork layout	
	• TOWNSHIP LAYOUT :	02.00 PM -04.00 PM	13/04/2023	• CUBE TESTING	09.00AM-11.00PM
	> Centerline layout in field > Gunia Boarder, Column Line Marking			• QUANTITY SURVEY & ESTIMATION	
	> Foundation Marking		> Item-wise Details of building materials.	11.00AM-01.00PM	
	• SURVEYING:		> Rate Analysis (According to current) > Market rates as per Indian standard)		
	> Surveying by Auto-level		• STRUCTURAL DRAWING READING	3.00PM-04.00PM	
	(Land levelling, Profile levelling, Contour mapping, Inverted levelling staff)		> Quantity of required steel and concrete Calculation.	04.00PM-06.00PM	
	> Total station		• EXHIBITION OF ALL STARTUPS PRODUCTS	09.00AM-06.00PM	
	• BAR BENDING SCHEDULE:	04.00 PM-06.00PM	> Civil Industry machineries New Construction Equipments, Related Products & Admixture		
	> Bar Bending Schedule (BBS) manual		• VALEDICTORY FUNCTION	• CERTIFICATE DISTRIBUTION	
	> Bar Bending Schedule of Footing, Column, Stirrup, Beam, One way & Two way Slab, Circular Slab, Staircase, Chajja, Drain line, Pile, Pile Cap Steel, Stirrups Reinforcement detailing				
11/04/2023	• DEMO TRAINING & CEMENTOUS MATERIAL PRESENTATION	09.00 AM-10.00 AM			
	• GRADATION	10.00AM-12.00PM			
	> Combine Gradation > Silt content				
	> Finess temperature, admixtures, specific gravity, density.	12.00PM-01.00 PM			
	• MIX DESIGN CALCULATION	01.00PM-06.00 PM			
	> Cube Casting, Trail Mix Tests				

Chief Patron

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President, Pune Vibhag Karyakari Mandal

Innovation Club Members

Dr. N. B. Pasalkar

Ex. Director DTE, Gov. of Maharashtra.

Dr. Shaile Subbaraman

Ex-Dean Academics, WCE, Sangli

Mr. Atul Marathe

Global Business Solution Center IBM, Pune

Mr. Mahesh Vaidya

Director, Precision Power Products Pvt. Ltd.

Mr. Ashok Ranade

Founder, College Campus Chain Toronto

Dr. Padmakar Kelkar

Director, Brightstar Electronics Pvt. Ltd., Pune

Mr. Sudarshan Natu

M.D. Nital Computer System Pvt. Ltd., Pune

Mr. Hanumant Dhumal

Chief Engineer Irrigation Department

Dr. S. S. Mantha

Ex. Chairman, AICTE, New Delhi

Dr. Ashok Saraf

Trustee - Science & Technology Park, Pune

Mr. Ramesh Adavi

Expert Consultant in Data Science

Dr. Sharadchandra Lohokare

Founder CEO, JYOSH AI Solutions Pvt. Ltd.

Mr. D. N. Modak

Ex. Chief Engineer (Civil) Hydro Projects, Pune

Dr. N. S. Raman

Ex. Director, CSIR - NEERI Nagpur

Mr. Sunil Desai

Founder & CEO, Maven Systems Pvt. Ltd.

Workshop Conveners

Dr. SUNIL B. THAKARE (Principal)

Er. YUSUF INAMDAR

Director of Joint Services Innovations

Indigenization Centre Pune (JSIIC) Ministry of Defence (SROT), Chairman - ICI

Business & Tech Head J Kumar Infra projects Ltd. RMC Pune Division

Workshop Coordinators

Dr. ABHAY SHELAR (HOD Civil Engineering)

Asst. PROF. NEHA S. DESHMUKH

Civil Eng. Dept. APCOER, Pune

- ❖ LAST DATE OF REGISTRATION 09th April 2023
- ❖ Registration Link: <https://forms.gle/XfembTJwKvVgJBg9>
- ❖ NO REGISTRATION FEE
- ❖ On the Spot Registration will be accepted.



Registration QR code



College Location QR code

Prof. Ganesh Kondhalkar
Dr. Vishal Puri
Prof. Nitin Gaikwad

Dr. Kashinath Munde
Prof. Sagar Gawande
Prof. Supriya Shinde

Event Co-ordinators
Dr. Sujay Deshpande
Dr. Balaji Selukar
Prof. Sayali Kokane

Prof. Rama Gaikwad
Dr. Dattatray Kamble

Prof. Sneha Salvekar
Dr. Niteen Savgave

Faculty Co-ordinators (Department of Civil Engineering)

Prof. K. V. Mhetre
Prof. A. A. Chavan
(8329847590)

Prof. S. J. Yadav
Prof. H. J. Abhichandani
(7058957158)

Prof. S. A. Patage
Prof. A. N. Gogawale
(9172804983)

Prof. R. K. Yadav
Prof. S. S. Tavashi
(8087337896)

Prof. A. S. Autade
(7387880600)

Venue
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH, (APCOER)
S. No. 103, Shahu College Campus, Parvati, Pune - 411 009.
☎ 020 - 24218959 / 24218901 Website : www.abmspcoerpune.org

Event Helpline No.
Asst. PROF. NEHA DESHMUKH
(9130750997/8446575094)

ABOUT THE INSTITUTE

ABMSP's Anantrao Pawar College of Engineering & Research is established in year 2012 with six under graduate, two post graduate, Ph.D. Research Center for Civil & Mechanical Engineering and four B-Voc courses affiliated to Savitribai Phule Pune University. Institute is committed to impart quality technical education as per the needs and expectations of all the stakeholders. APCOER, Pune is under the mentorship of College of Engineering Pune (COEP). National & Internationally recognized researchers are involved in the innovation club of institute guiding the faculties and students for product development, Startups & to become Entrepreneurs through Business Incubation Center. APCOER, Pune is committed to comprehensive development of students through quality technical education

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10th to 13th
April 2023

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4 Days on Filed !

Exhibition of all innovative business Start-up products,
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About WORKSHOP

Civil engineering is being transformed from theory-heavy to practice-oriented program, which needs a constructive laboratory infrastructure, onsite application knowledge helping students carry out various Civil industry work. Practical knowledge is essential for Civil Engineers to become successful in their careers. It provides them with hands-on experience, helps improve their problem-solving skills, and enhances their understanding of industry regulations, among other benefits. It is necessary that the civil engineer is able to step up to the task and manage a diverse team of professionals. Civil engineers also need to evaluate the work of others and ensure their work follow applicable laws, regulations, and standards Practical training for engineering students helps them improve their technical skills, but it also helps them to improve their communication skills and soft skills. Furthermore, these workshop assist students in learning how to collaborate with others, assisting them in improving their leadership abilities.

- Hands-On Experience:** Practical knowledge helps students and engineers understand how the theoretical concepts they learn in the classroom can be applied in real-world situations. Hands-on experience in construction sites, laboratories, and other practical settings help them develop critical skills such as problem-solving, communication, teamwork, and leadership.
- Improved Problem-Solving Skills:** Practical knowledge enables engineers to identify problems and find solutions quickly and effectively. When engineers are exposed to real-world projects, they can see the practical implications of their work, which in turn helps them develop better problem-solving skills.
- Better Understanding of Material Properties:** Practical experience in Civil Engineering allows engineers to understand the properties of different materials and how they perform under various conditions. This knowledge is critical when it comes to selecting the appropriate materials for a specific project.
- Improved Technical Skills:** Practical experience provides engineers with the opportunity to hone their technical skills in areas such as surveying, construction techniques, and laboratory testing.
- Better Understanding of Industry Regulations:** Civil Engineers must be aware of the various industry regulations, standards, and codes of practice that govern their work. Practical experience helps them understand how these regulations apply to real-world projects and how to adhere to them in their work.

Why GROW TOGETHER Workshop?

The main motive of this workshop is to fill the gap between academic and Industrial needs. Let's Colleges and Industry GROW TOGETHER, as per today's need for our Nation. This program is beneficial for all civil engineers as they practically Live the CIVIL ENGINEER'S LIFE. Practical knowledge is crucial in the field of Civil Engineering. We are trying to bridge the gap between institutional education and project-site skill requirements. An instructors with industry experience can motivate students, enable them to relate what was learned in the class with the real world and allow them to start developing their own engineering judgment, which is essential for the successful practice of civil engineering. Academia gap is emerging because there is something lacking which is also addressed in "National Educational Policy 2020 :Industry and Institute Linkage." It's the gap between the engineering education system and the industries expectation from entry level engineers. This huge mass need to be converted into a positive force by making the spirited youth employable. Bridging industry-academia gap plays a very important role in this whole scenario where students, universities, organizations and government need to energize and work together to make it happen!

How Workshop will be conducted?

Er. Yusuf Inamdar Sir with their Team will give 4 days Hands On Training to all students. In this 4 days workshop there will be exhibition of daily 2 innovative business start-up products and civil industry machineries. On the last day On 14th April 23 there will be exhibition of all Start-up products, new Construction Equipments, related products and admixtures. This exhibition will motivate students for their own start-ups. Students will get to know the emerging technologies and opportunities in Civil engineering Industry. The distribution of Certificates on 14th April 2023. For certificate 100% Attendance of 4 days will be required.

WHO CAN ATTAINED?

- ❖ Diploma and Degree Civil Engineering students
- ❖ 11th & 12th Civil Vocational subject Students
- ❖ Faculty members
- ❖ RMC plant Technicians

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DATE	ACTIVITY	TIME
10/04/2023	<ul style="list-style-type: none"> ● INAUGURAL CEREMONY ● INTRODUCTION OF RAW MATERIAL ● TOWNSHIP LAYOUT : <ul style="list-style-type: none"> ➢ Centerline layout in field ➢ Gunia Boarder, Column Line Marking ➢ Foundation Marking ● SURVEYING: <ul style="list-style-type: none"> ➢ Surveying by Auto-level (Land levelling, Profile levelling, Contour mapping, Inverted levelling staff) ➢ Total station ● BAR BENDING SCHEDULE: <ul style="list-style-type: none"> ➢ Bar Bending Schedule (BBS) manual ➢ Bar Bending Schedule of Footing, Column, Stirrup, Beam, One way & Two way Slab, Circular Slab, Staircase, Chajja, Drain line, Pile, Pile Cap Steel, Stirrups Reinforcement detailing 	10 AM -12.00 PM 12.00 PM -01.00 PM 02.00 PM -04.00 PM 04.00 PM-06.00PM
11/04/2023	<ul style="list-style-type: none"> ● DEMO TRAINING & CEMENTOUS MATERIAL PRESENTATION ● GRADATION <ul style="list-style-type: none"> ➢ Combine Gradation ➢ Silt content ➢ Finess temperature, admixtures, specific gravity, density. ● MIX DESIGN CALCULATION <ul style="list-style-type: none"> ➢ Cube Casting, Trail Mix Tests 	09.00 AM-10.00 AM 10.00AM-12.00PM 12.00PM-01.00 PM 01.00PM-06.00 PM
12/04/2023	<ul style="list-style-type: none"> ● Plumbing ● Brickwork layout ● Waterproofing ● Painting ● Shuttering ● Wall construction 	09.00AM-06.00PM
13/04/2023	<ul style="list-style-type: none"> ● CUBE TESTING ● QUANTITY SURVEY & ESTIMATION <ul style="list-style-type: none"> ➢ Item-wise Details of building materials. ➢ Rate Analysis (According to current) ➢ Market rates as per Indian standard) ● STRUCTURAL DRAWING READING <ul style="list-style-type: none"> ➢ Quantity of required steel and concrete Calculation. ● EXHIBITION OF ALL STARTUPS PRODUCTS <ul style="list-style-type: none"> ➢ Civil Industry machineries New Construction Equipments, Related Products & Admixture ● VALEDICTORY FUNCTION ● CERTIFICATE DISTRIBUTION 	09.00AM-11.00PM 11.00AM-01.00PM 3.00PM-04.00PM 04.00PM-06.00PM 09.00AM-06.00PM